

CLAIMS

- 1 Dispensing device for fluid substances, which has a receiving element to receive fluid
substances, having at least two containers which are fixedly connected to each other and
5 have adjacent outlet orifices on the end face, a mixing nozzle which is connected to the
receiving element by means of a mixing nozzle holder and is connected to the outlet
orifices in a fluid-conducting manner, and a pressure-producing means for ejecting the
fluid substances through the outlet orifices,
characterised in that
10 the mixing nozzle holder is a releasable latch closure.
- 2 Dispensing device as claimed in claim 1, characterised in that the latch closure is attached
to the receiving element.
- 15 3 Dispensing device as claimed in claim 2, characterised in that the latch closure is formed
as one piece with the receiving element.
- 4 Dispensing device as claimed in any one of claims 2 or 3, characterised in that the latch
closure attached to the receiving element has at least one elastically deformable spring
20 arm which has a projection formed thereon for undercut engagement with the mixing
nozzle.
- 5 Dispensing device as claimed in claim 4, characterised in that the latch closure has at
least one substantially non-deformable latch element with a projection formed thereon for
25 undercut engagement with the mixing nozzle.
- 6 Dispensing device as claimed in claim 5 or 6, characterised in that the latch closure has at
least one latch element with a projection formed thereon for undercut engagement with
the mixing nozzle, which latch element breaks when a sufficient mechanical pressing
30 force is exerted.

- 7 Dispensing device as claimed in claim 1, characterised in that the latch closure is attached to the mixing nozzle.
- 8 Dispensing device as claimed in claim 7, characterised in that the latch closure is formed as one piece with the mixing nozzle.
- 9 Dispensing device as claimed in claim 7 or 8, characterised in that the latch closure attached to the mixing nozzle has at least one plastically deformable spring arm which has a projection formed thereon for undercut engagement with the receiving element.
- 10 Dispensing device as claimed in claim 9, characterised in that the latch closure has at least one substantially non-deformable latch element with a projection formed thereon for undercut engagement with the receiving element.
- 15 11 Dispensing device as claimed in claim 9 or 10, characterised in that the latch closure has at least one latch element which breaks when a sufficient mechanical pressing force is exerted and which has a projection formed thereon for undercut engagement with the receiving element.
- 20 12 Dispensing device as claimed in claim 1, which has a coupling element which is releasably connected to the receiving element, wherein the latch closure is attached to the coupling element.
- 25 13 Dispensing device as claimed in claim 12, characterised in that the latch closure is formed as one piece with the coupling element.
- 30 14 Dispensing device as claimed in claim 12 or 13, characterised in that the latch closure attached to the coupling element has at least one elastically deformable spring arm which has a projection formed thereon for undercut engagement with the mixing nozzle.
- 15 Dispensing device as claimed in claim 14, characterised in that the latch closure has at

least one substantially non-deformable latch element with a projection formed thereon for undercut engagement with the mixing nozzle.

16 Dispensing device as claimed in claim 15 or 15, characterised in that the latch closure has
5 at least one plastically deformable latch element with a projection formed thereon for undercut engagement with the mixing nozzle.

17 Dispensing device as claimed in claim 1, which has a coupling element releasably
10 connected to the mixing nozzle, wherein the latch closure is attached to the coupling element.

18 Dispensing device as claimed in claim 17, characterised in that the latch closure is formed as one piece with the coupling element.

15 19 Dispensing device as claimed in claim 17 or 18, characterised in that the latch closure attached to the coupling element has at least one elastically deformable spring arm with a projection formed thereon for undercut engagement with the receiving element.

20 20 Dispensing device as claimed in claim 19, characterised in that the latch closure has at least one substantially non-deformable structural element with a projection formed thereon for undercut engagement with the receiving element.

21 25 Dispensing device as claimed in claim 19 or 20, characterised in that the latch closure has at least one plastically deformable structural element with a projection formed thereon for undercut engagement with the receiving element.

22 Dispensing device as claimed in any one of the preceding claims, characterised in that the outlet orifices are formed as outlet connection pieces.

30 23 Dispensing device as claimed in any one of the preceding claims, characterised in that the receiving element, mixing nozzle and/or coupling element are provided with guide

elements for guiding the parts to be latched.

- 24 Dispensing device as claimed in any one of the preceding claims, characterised in that the outlet orifices are connected to a stiffening connection element.

